

## Assignment: 07

Aim: Demonstrate uses of inbuilt array functions.

Code:

```
<html>
  <head></head>
  <body>
    <?php
      $colors=array("Red","Blue","Orange","Yellow","Black","White");

      echo 'Color-array is:<br />';
      foreach($colors as $color){
        echo $color."<br />";
      }

      echo 'Size of color-array is:'.sizeof($colors)."<br />";
      //The sizeof() function returns the number of elements in an
array.

      echo 'colors-array in ascending order is:<br />';
      sort($colors);
      //sort() function sorts an indexed array in ascending order.
      $clength=count($colors);
      for($x=0;$x<$clength;$x++)
      {
        echo $colors[$x];
        echo "<br>";
      }
      echo 'colors-array in descending order is:<br />';
      rsort($colors);
      //rsort() function to sort an indexed array in descending order
      $clength=count($colors);
      for($x=0;$x<$clength;$x++)
      {
        echo $colors[$x];
        echo "<br>";
      }

$colors=array("Red"=>"6","Blue"=>"7","Orange"=>"23","Yellow"=>"11","Black"=>"4",
,"White"=>"2");
      echo 'Color-array with value is:<br />';
      foreach($colors as $color){
        echo $color."<br />";
      }
      echo 'colors-array ascending order, according to the value:<br/>';
```

```

        asort($colors);
        //color-array in ascending order, according to the value
        foreach($colors as $x => $x_value) {
            echo "Key=" . $x . ", Value=" . $x_value;
            echo "<br>";
        }
        echo 'colors-array ascending order, according to the key:<br/>';
        ksort($colors);
        //color-array in ascending order, according to the key
        foreach($colors as $x => $x_value) {
            echo "Key=" . $x . ", Value=" . $x_value;
            echo "<br>";
        }
        echo 'colors-array arrays in descending order, according to the
value:<br/>';
        arsort($colors);
        //color-array in arrays in descending order, according to the
value
        foreach($colors as $x => $x_value) {
            echo "Key=" . $x . ", Value=" . $x_value;
            echo "<br>";
        }
        echo 'colors-array arrays in descending order, according to the
key:<br/>';
        krsort($colors);
        //color-array in arrays in descending order, according to the key
        foreach($colors as $x => $x_value) {
            echo "Key=" . $x . ", Value=" . $x_value;
            echo "<br>";
        }
    ?>
</body>
</html>

```

Output:

Color-array is:

Red

Blue

Orange

Yellow

Black

White

Size of color-array is:6

colors-array in ascending order is:

Black

Blue

Orange

Red

White

Yellow

colors-array in descending order is:

Yellow

White

Red

Orange

Blue

Black

```
localhost/php/ppsu/assignment7.php
Yellow
White
Red
Orange
Blue
Black
Color-array with value is:
6
7
23
11
4
2
colors-array ascending order, according to the value:
Key=White, Value=2
Key=Black, Value=4
Key=Red, Value=6
Key=Blue, Value=7
Key=Yellow, Value=11
Key=Orange, Value=23
colors-array ascending order, according to the key:
Key=Black, Value=4
Key=Blue, Value=7
Key=Orange, Value=23
Key=Red, Value=6
Key=White, Value=2
Key=Yellow, Value=11
colors-array arrays in descending order, according to the value:
Key=Orange, Value=23
Key=Yellow, Value=11
Key=Blue, Value=7
Key=Red, Value=6
Key=Black, Value=4
Key=White, Value=2
colors-array arrays in descending order, according to the key:
Key=Yellow, Value=11
Key=White, Value=2
Key=Red, Value=6
Key=Orange, Value=23
Key=Blue, Value=7
Key=Black, Value=4
```